



LDWSF  
12.3.6003  
Pace Analytical Services, Inc.  
940 South Harney  
Seattle, WA 98108  
Phone: (206)767-5060  
Fax: (206)767-5063

### Certificate of Analysis

Client: ICS-Washington  
7152 1st Avenue South  
Seattle, WA 98108

ATTN: Rick Cabuco

Work ID:

SDG Number: ICSH090401

Taken By: CLIENT

Date Received: 04/06/2009

Transported By: CLIENT

Date Reported: 04/28/2009

#### Sample Identification:

| Lab Sample ID  | Sample Description   | Collection Date/Time | Type |
|----------------|----------------------|----------------------|------|
| ICSH090401-001 | Blaster Dust Residue | 04/06/2009 09:15     | Soil |

#### Flagging:

J = The value reported is below the routine reporting limit and should be considered an estimate

U = The analyte of interest was not detected, to the limit of detection indicated

Unless otherwise instructed all samples with the exception of samples which are consumed during the analysis, such as microbiological samples, will be disposed of on or after 6/4/09

Respectfully submitted,

Pace Analytical Services, Inc.

*Natalie Taylor*

Natalie Taylor

Date Printed: 4/28/2009 11:38





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## TCLP Results

Lab Sample ID: ICSH090401-001

Client Sample ID: Blaster Dust Residue

Date Received: 04/06/2009 Collection Date: 04/06/2009

Date Extracted: 04/13/2009

Concentration Units: mg/L

| EPA HW # | Analyte  | Result     | MCL | Run Sequence | Analysis Date |
|----------|----------|------------|-----|--------------|---------------|
| D009     | Mercury  | .0000781 J | 0.2 | R036142      | 04/13/2009    |
| D004     | Arsenic  | 0.200 U    | 5   | R036315      | 04/20/2009    |
| D005     | Barium   | 11.0       | 100 | R036315      | 04/20/2009    |
| D006     | Cadmium  | 0.100 U    | 1   | R036315      | 04/20/2009    |
| D007     | Chromium | 0.100 U    | 5   | R036315      | 04/20/2009    |
| D008     | Lead     | 0.100 U    | 5   | R036315      | 04/20/2009    |
| D010     | Selenium | 0.200 U    | 1   | R036315      | 04/20/2009    |
| D011     | Silver   | 0.100 U    | 5   | R036315      | 04/20/2009    |

MCL = Maximum Contamination Level, as established by regulation.

EPA HW # = EPA Hazardous Waste Number



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**Pace Analytical Services, Inc.**  
**Blank Report**

Test: 7470 TCLP Extract (Soil or Water)

SDG ID: ICSH090401

Lab Sample ID: B041309HGW01

Preparation Date: 4/13/2009

Run Sequence ID: R036142

Analysis Date: 04/13/2009 13:30

Units: mg/L

Matrix: Water

| Analyte | Reported | Flag | Limit  |
|---------|----------|------|--------|
| Mercury | 0.00500  | U    | 0.0025 |

| Associated Samples       |                        |
|--------------------------|------------------------|
| Lab Sample ID            | Client Sample ID       |
| B041009TCLP-1-1 (TCLP-1) | Blaster Dust ResidueLB |
| ICSH090401-001           | Blaster Dust Residue   |

U = The analyte of interest was not detected, to the limit of detection indicated

\* Measured blank concentration exceeded the established control limit

FORM LTL-RSR-9.0(LTR)

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## Pace Analytical Services, Inc.

### Blank Report

Test: 6010B Metals TCLP-7 Extract (Soil or Water)  
Lab Sample ID: B041309ICPW01  
SDG ID: ICSH090401  
Preparation Date: 4/13/2009  
Run Sequence ID: R036315  
Analysis Date: 04/20/2009 22:07  
Units: mg/L  
Matrix: Water

| Analyte  | Reported | Flag | Limit |
|----------|----------|------|-------|
| Arsenic  | 0.200    | U    | 0.1   |
| Barium   | 0.100    | U    | 0.05  |
| Cadmium  | 0.100    | U    | 0.05  |
| Chromium | 0.100    | U    | 0.05  |
| Lead     | 0.100    | U    | 0.05  |
| Selenium | 0.200    | U    | 0.1   |
| Silver   | 0.100    | U    | 0.05  |

| Associated Samples  |   |
|---|---|
| <u>Lab Sample ID</u><br>B041009TCLP-1-1<br>ICSH090401-001 10X | <u>Client Sample ID</u><br>Blaster Dust ResidueLB<br>Blaster Dust Residue |

U = The analyte of interest was not detected, to the limit of detection indicated

\* Measured blank concentration exceeded the established control limit

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**Pace Analytical Services, Inc.**  
**Blank Spike Report**

Test: 6010B Metals TCLP-7 Extract (Soil or Water) SDG ID: ICSH090401  
Preparation Date: 04/13/2009  
Lab Sample ID: S041309ICPW01 Run Sequence ID: R036315  
Analysis Date: 04/20/2009 22:11  
Matrix: Water  
Units: mg/L

| Analyte  | Spike Added | Found  | % Recovery | Limit  |
|----------|-------------|--------|------------|--------|
| Arsenic  | 2.00        | 2.132  | 107%       | 80-120 |
| Barium   | 2.00        | 2.224  | 111%       | 80-120 |
| Cadmium  | 0.0500      | 0.0549 | 110%       | 80-120 |
| Chromium | 0.200       | 0.2283 | 114%       | 80-120 |
| Lead     | 0.500       | 0.5873 | 117%       | 80-120 |
| Selenium | 2.00        | 1.865  | 93%        | 80-120 |
| Silver   | 0.0500      | 0.0556 | 111%       | 80-120 |

| Associated Samples  |   |
|---|---|
| <b>Lab Sample ID</b><br>ICSH090401-001 10X<br>B041009TCLP-1-1 | <b>Client Sample ID</b><br>Blaster Dust Residue<br>Blaster Dust ResidueLB |

\* = Recovery exceeded the established control limit.

The concentration values on this report may have non-significant digits tabulated. These are the same values used to compute the recovery and/or RPD values listed and are available during data review to verify our calculations.



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**Pace Analytical Services, Inc.**  
**Blank Spike Report**

Test: 7470 TCLP Extract (Soil or Water)

SDG ID: ICSH090401

Lab Sample ID: S041309HGW01

Preparation Date: 04/13/2009

Run Sequence ID: R036142

Analysis Date: 04/13/2009 13:27

Matrix: Water

Units: mg/L

| Analyte | Spike Added | Found  | % Recovery | Limit  |
|---------|-------------|--------|------------|--------|
| Mercury | 0.00398     | 0.0041 | 103%       | 85-115 |

| Associated Samples       |                         |
|--------------------------|-------------------------|
| <u>Lab Sample ID</u>     | <u>Client Sample ID</u> |
| ICSH090401-001           | Blaster Dust Residue    |
| B041009TCLP-1-1 (TCLP-1) | Blaster Dust ResidueLB  |

\* = Recovery exceeded the established control limit

The concentration values on this report may have non-significant digits tabulated. These are the same values used to compute the recovery and/or RPD values listed and are available during data review to verify our calculations.